## What is claimed is:

I	1.	An optical projection system comprising:	
2		a. a plurality of light sources producing a plurality of images;	
3		b. means for superimposing at least two of the images, and	
4		c. means for tiling at least two of the images.	
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l	2.	An optical projection system according to claim 1 in which the tiling means	
2	comprises means for providing enhanced blending in overlapped regions of the tiled images.		
1	3.	An optical projection system according to claim 2 in which the tiling means	
2	comprises a pyramid prism.		
1	4.	An optical projection system according to claim 3 in which the pyramid prism	
2	comprises a plurality of sides and an apex, the plurality of sides functioning to combine		
3	images and the apex functioning to decrease intensity of illumination to provide the enhanced		
4	blending in the overlapped regions.		
1	5.	An optical projection system according to claim 4 further comprising a	
2	projection lens for projecting superimposed, tiled images.		
1	6.	An optical projection system according to claim 1 in which each of the	
2	plurality of light sources comprises a DMD.		
ł	7.	An optical projection system according to claim 5 in which the projection lens	
2	defines an optical axis and in which position of the pyramid prism relative to the optical axis		
3	can vary.		
1	8.	An optical projection system according to claim 2 further comprising at least	
2	one polarizing	one polarizing beam splitter interposed optically between at least one light source and the	
3	pyramid prisin		
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i	()	An optical projection system according to claim 8 in which the polarizing	

beam spitter has a reflective and a nansmissive face and is interposed optically between the

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ì	1.7	An optical system according to claim 16 in which the relay lens locates an
2	image at a par	ticular location and in which the edge mask is positioned at the plane of the

- 3 image.
- 1 18 An optical system according to claim 17 further comprising a shading mask 2 interposed optically between the relay lens and the image location.
- 1 19. An optical system according to claim 5 turther comprising a second plurality of light sources producing a second plurality of images and a second projection lens for projecting the second plurality of images or images derived therefrom.